App No.: NEW

Docket No.: 0925-0224PUS1

Inventor: Takeo FUJITA et al.

Title: IMAGE-CORRECTION METHOD AND IMAGE PICKUP

**APPARATUS** 

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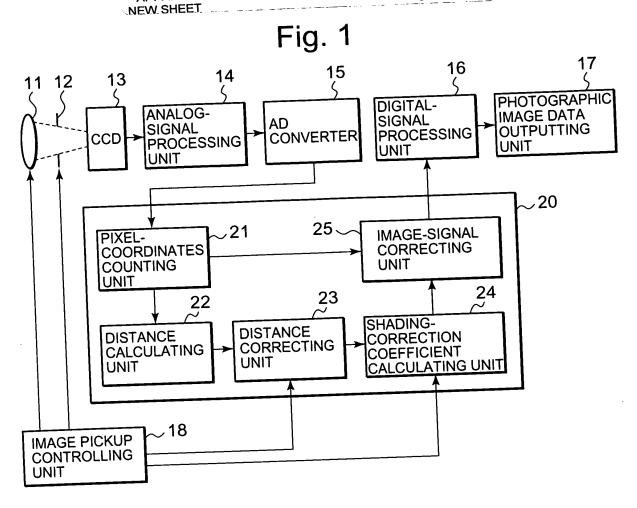


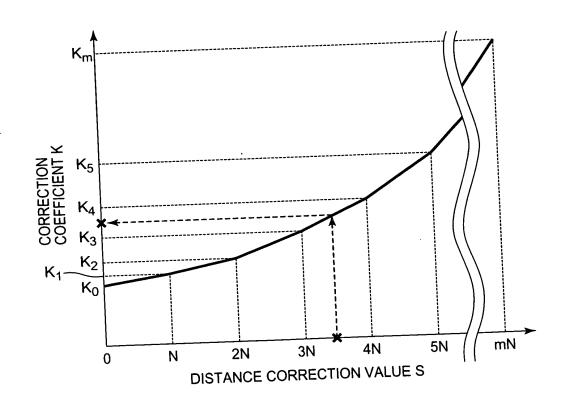
Fig. 2

CORRECTION COEFFICIENT LOOK-LIP TABLE

LOOK-UP TABLE		
CORRECTION COEFFICIENT K		
K <sub>0</sub>		
K <sub>1</sub>		
K <sub>2</sub>		
K <sub>3</sub>		
K <sub>m</sub>		

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Fig. 3



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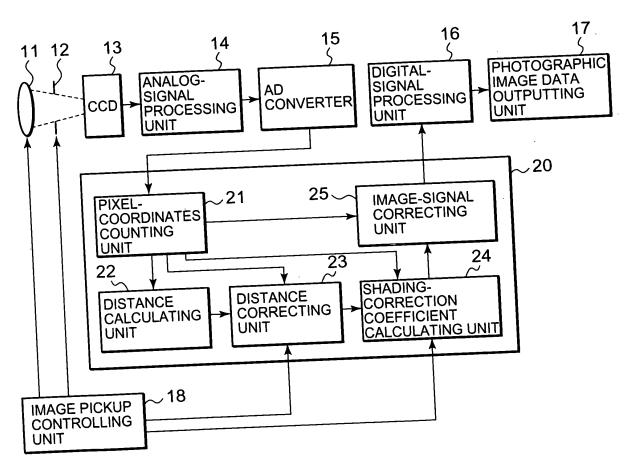
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Fig. 4



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Fig. 5

## CORRECTION COEFFICIENT LOOK-UP TABLE

DISTANCE CORRECTION VALUE S	COEFFICIENT K	CORRECTION COEFFICIENT K (FOR G PIXEL)	CORRECTION COEFFICIENT K (FOR B PIXEL)
0	K <sub>R0</sub>	K <sub>G0</sub>	K <sub>B0</sub>
N	K <sub>R1</sub>	K <sub>G1</sub>	K <sub>B1</sub>
2N	K <sub>R2</sub>	K <sub>G2</sub>	K <sub>B2</sub>
3N	K <sub>R3</sub>	K <sub>G3</sub>	K <sub>B3</sub>
:	•	•	:
mN	K <sub>Rm</sub>	K <sub>Gm</sub>	K <sub>Bm</sub>

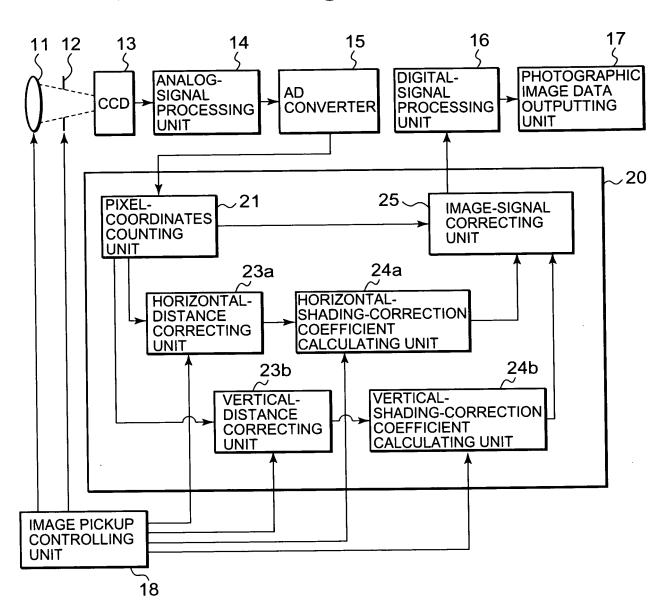
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Fig. 6



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Fig. 7

HORIZONTAL-CORRCTION-COEFFICIENT LOOK-UP TABLE

COEFFICIENT	LOUK-UP TABL
HORIZONTAL- DISTANCE CORRECTION VALU S <sub>H</sub>	HORIZONTAL- CORRCTION COEFFICINT K <sub>H</sub>
0	K <sub>H0</sub>
N <sub>H</sub>	K <sub>H1</sub>
2N <sub>H</sub>	K <sub>H2</sub>
3N <sub>H</sub>	K <sub>H3</sub>
:	•
m · N <sub>H</sub>	K <sub>Hm</sub>

Fig. 8

VERTICAL-CORRCTION-COEFFICINT LOOK-UP TABLE

OOK OF TABLE
VERTICAL- CORRCTION COEFFICIENT K <sub>V</sub>
K <sub>V0</sub>
K <sub>V1</sub>
K <sub>V2</sub>
K <sub>V3</sub>
•
K <sub>Vm</sub>

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Fig. 9

